

**From:** [Miller, Garyg](#)  
**To:** [Hayter, Earl J ERDC-RDE-EL-MS](#)  
**Subject:** RE:  
**Date:** Tuesday, February 03, 2015 4:13:00 PM

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Earl,

Working on getting some info on this & will get back to you.

Regards,

Gary Miller  
EPA Remedial Project Manager  
214-665-8318  
[miller.garyg@epa.gov](mailto:miller.garyg@epa.gov)

-----Original Message-----

From: Hayter, Earl J ERDC-RDE-EL-MS [<mailto:Earl.J.Hayter@erdc.dren.mil>]  
Sent: Tuesday, February 03, 2015 3:33 PM  
To: Miller, Garyg  
Subject: RE:

Gary,

Something I forgot to talk to you about earlier. Do you have access from any of your contacts information on the ship traffic in proximity to the cap? Specifically, I will need information on average ship power, size, draft, propeller(s) diameter and type (i.e., ducted or non-ducted), and average ship speed. I need this information to evaluate propwash.

Thanks,

Earl

> -----Original Message-----

> From: Miller, Garyg [<mailto:Miller.Garyg@epa.gov>]

> Sent: Tuesday, February 03, 2015 3:23 PM

> To: Hayter, Earl J ERDC-RDE-EL-MS

> Subject: RE:

>

> Earl,

>

> Here's something else about stream stability (from Federal Highway  
> Administration) -

> <http://www.fhwa.dot.gov/engineering/hydraulics/pubs/hec/hec11sl.pdf>

>

> "In addition, current site conditions can be used to evaluate river  
> stability. Even when historic information indicates that a channel has  
> been relatively stable in the past, local conditions may indicate more  
> recent instabilities. Local site conditions which are indicative of  
> channel instabilities include tipping and falling of vegetation along  
> the bank, cracks along the bank surface, the presence of slump blocks,  
> fresh vegetation laying in the channel near the channel banks,  
> deflection of channel flows in the direction of the bank due to some  
> recently deposited obstruction or channel course change, fresh  
> vertical face cuts along the bank, locally high velocities along the  
> bank, new bar formation downstream from an eroding bank, local  
> headcuts, pending or recent cutoffs, etc... It is also important to  
> recognize that the presence of any one of these conditions does not in



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> itself indicate an erosion problem; some bank erosion is common in all  
> channels even when the channel is stable. A more detailed coverage of  
> the analysis of stream stability through the use of historic and  
> current observations is presented in Shen (1).  
> Analytic methods for the evaluation of channel stability can be  
> classified as either geomorphic or hydraulic. It is important to  
> recognize that these analytic tools should only be used to  
> substantiate the erosion potential indicated through observation.  
> Geomorphic relationships have been presented by many investigators,  
> for example Leopold (2), and Lane (3). More recently these  
> relationships have been summarized by Brown (4), and Richardson (5)."

>  
> Gary Miller  
> EPA Remedial Project Manager  
> 214-665-8318  
> miller.garyg@epa.gov

>  
> -----Original Message-----

> From: Hayter, Earl J ERDC-RDE-EL-MS  
> [mailto:Earl.J.Hayter@erdc.dren.mil]  
> Sent: Tuesday, February 03, 2015 2:07 PM  
> To: Miller, Garyg  
> Subject: RE:

>  
> Thanks Gary. Maynord retired a year or two ago.

>  
> > -----Original Message-----

> > From: Miller, Garyg [mailto:Miller.Garyg@epa.gov]  
> > Sent: Tuesday, February 03, 2015 3:06 PM  
> > To: Hayter, Earl J ERDC-RDE-EL-MS  
> > Subject: RE:

> >  
> > Earl,  
> >  
> > Here is the link -

> >  
> > <http://www.epa.gov/glnpo/sediment/iscmain/appnda.pdf>

> >  
> > Just noticed its written by Steve Maynord @ Vicksburg - perhaps you  
> > know him?

> >  
> > Regards,

> >  
> > Gary Miller  
> > EPA Remedial Project Manager  
> > 214-665-8318  
> > miller.garyg@epa.gov

> >  
> > -----Original Message-----

> > From: Hayter, Earl J ERDC-RDE-EL-MS  
> > [mailto:Earl.J.Hayter@erdc.dren.mil]  
> > Sent: Tuesday, February 03, 2015 1:48 PM  
> > To: Miller, Garyg  
> > Subject:

> >  
> > Gary,  
> >  
> > Which capping guidance report were you referring to during our call  
> > earlier today? There are several different 'versions'.

> >

> > Thanks,  
> >  
> > Earl  
> >  
> >  
#####  
> >  
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